**Project Proposal[[1]](#footnote-1) :** *PHP-SRePS*

**Background**

People Health Pharmacy Inc. (PHP) is a Hawthorn, Melbourne based pharmacy that supplies health care and medicinal products to clients. Traditionally, the business utilises a paper-based system to record data. PHP has identified that:

* They are unable to recognise trends in weekly/monthly sales
* Lack the desired efficiency
* They consistently run out of high demand stock due to poor estimation

**Scope**

PHP has proposed that an application that analyses sales data, outputting weekly/monthly reports would target the raised issues and improve the business’s workflow. A user-friendly graphic interface is requested to ensure that staff can effectively work. Additionally, PHP requires all reports to be CSV supported for further analysis.

**Deliverables and schedule**

* Electronic based data management system
* Inventory management
  + Stock
  + Sales
  + Expiry
* Weekly/monthly reports
  + CSV supported/exportable

**Initial Release Schedule of the Product backlog items**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Item/feature | Dependencies | Business Value (1 least – 10 most) | Release Schedule  (Sprint #1 | 2 | 3 | …) |
| 1 | Add a sales record |  | 10 | 1 |
| 2 | Edit/delete a sales record | 1 | 10 | 1 |
| 3 | Display a sales record | 2 | 10 | 2 |
| 4 | Display monthly sales report | 3 | 8 | 2 |
| 5 | Predict the sales of an item on a monthly basis | 3 | 9 | 3 |
| 6 | Predict the sales of a group of similar items on a monthly basis | 3 | 9 | 3 |
| 7 | Generate a monthly sales report as a CSV file | 4 | 7 | 3 |
| 8 | Design UX |  | 6 | 1 |
| 9 | Visual Assets | 8 | 6 | 2 |
| 10 | Application “how to” tutorial | 7,9 | 3 | 3 |
| 11 | Application documentation | 10 | 5 | 3 |

1. This document is by no means a “full project proposal”. It has been simplified and customized for the purposes of DP2 teaching. The full project proposal includes many other sections which have not been discussed during the first few weeks of DP2 teaching. [↑](#footnote-ref-1)